



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Application No.	10/530,314
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	First Named Inventor	Peter Leonard Bergquist
	Art Unit	1642
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SHEET 1 OF 1	Attorney Docket No.	ALAR4.001APC

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/CW/	1	Bergquist, et al. 2005. Degenerate oligonucleotide gene shuffling (DOGS) and random drift mutagenesis (RNDM): Two complementary techniques for enzyme evolution. <i>Biomolecular Engineering</i> , 22:63-72.	
/CW/	2	Bornscheuer, U. T. 2001. Directed evolution of enzymes for biocatalytic applications. <i>Biocatalysis and Biotransformation</i> , 19:85-97.	
/CW/	3	Chirumamilla, et al. 2001. Improving the quality of industrially important enzymes by directed evolution. <i>Molecular and Cellular Biochemistry</i> , 224:159-168.	
/CW/	4	Matsumura, et al. 2001. <i>In vitro</i> evolution of beta-glucuronidase into a beta-galactosidase proceeds through non-specific intermediates. <i>J. Mol. Biol.</i> , 305:331-339.	
/CW/	5	Supplementary European Search Report from EP 03 74 7711 dated March 16, 2006.	

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Examiner Signature	/Cynthia Wilder/	Date Considered	02/22/2008
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